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From: Oman, Jack
Sent: Tue 2/23/2016 7:24:49 PM
Subject: Yerington - Request for thermodynamic database information

Dave,

As part of your evaluation of ARC's background assessment, EPA performed additional, independent data evaluations to develop alternate interpretations about the extent of mine-impacted groundwater. These evaluations included geochemical modeling of arsenic adsorption onto hydrous ferric oxide. So that ARC can fully understand and reproduce EPA's geochemical modeling, ARC requests that EPA clarify the thermodynamic database (reaction constants) used for geochemical modeling and their approach selecting and incorporating Site groundwater quality data into the figures illustrating the results of the geochemical modeling.

Please let me know if you have questions or would like to discuss this request. Once we receive this information ARC can prepare draft response to EPA comments and further discussions/meetings may be warranted.

Thanks,

-jack

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